

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P561328

Luminaire Tested: **SDL-PA1-90-827-U-T2R-HSS**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561328
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-18)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-90-827-U-T2R-HSS
Description: Springdale
(1) 80 CRI, 2700K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE II R OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6121 lumens
Efficiency: N/A
Efficacy: 66.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G2

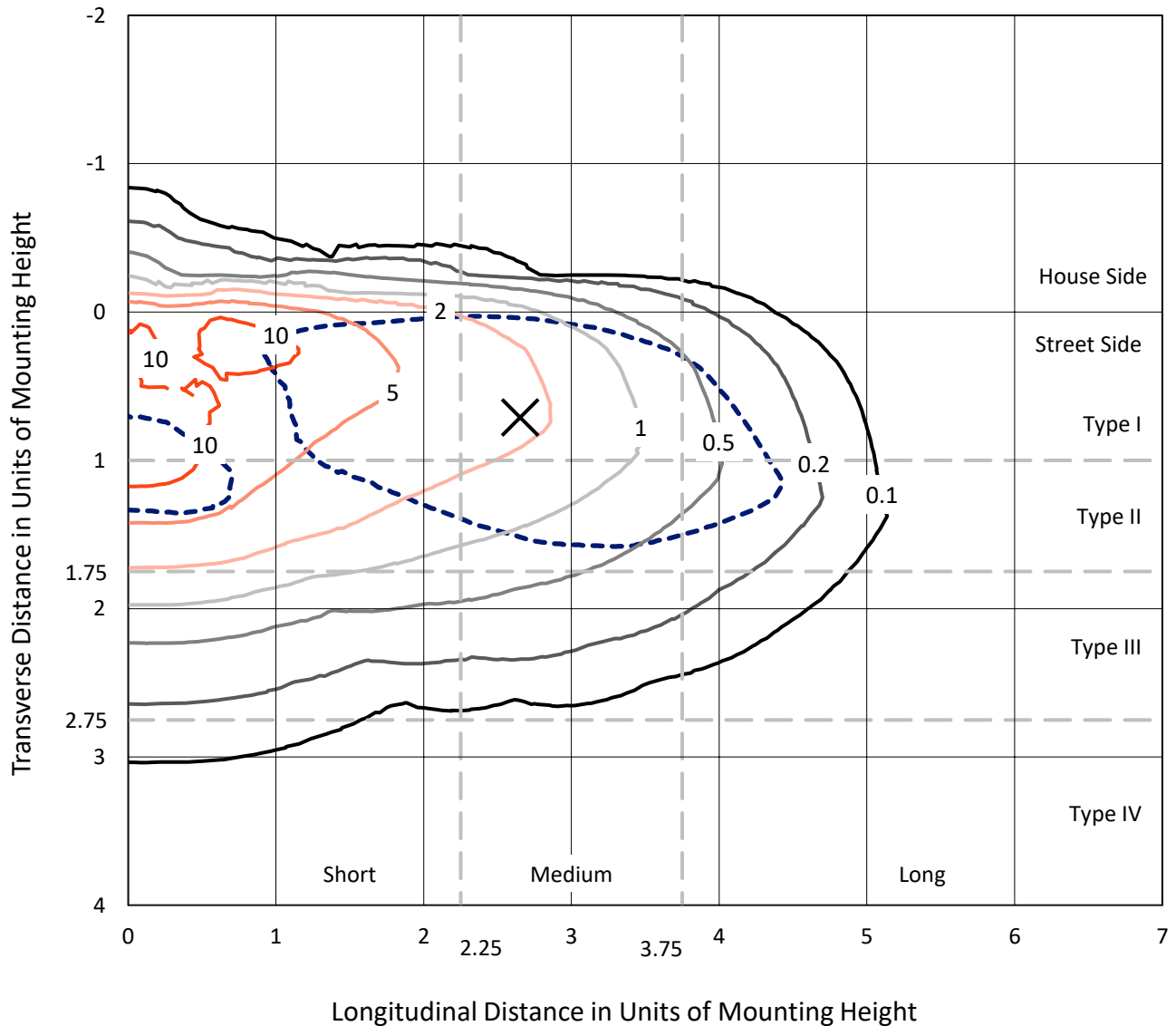
Input Watts (W): 92.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

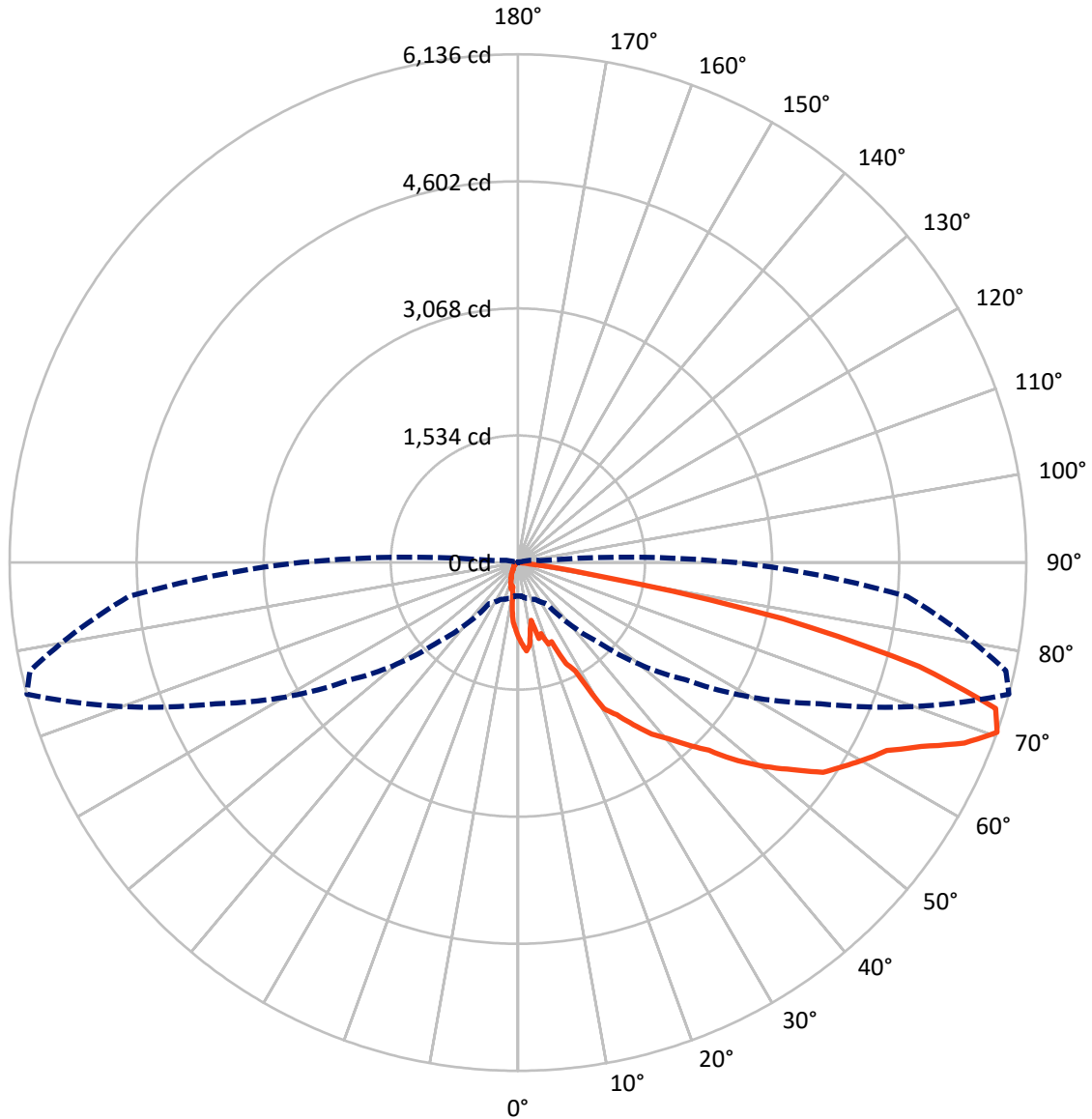
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.8 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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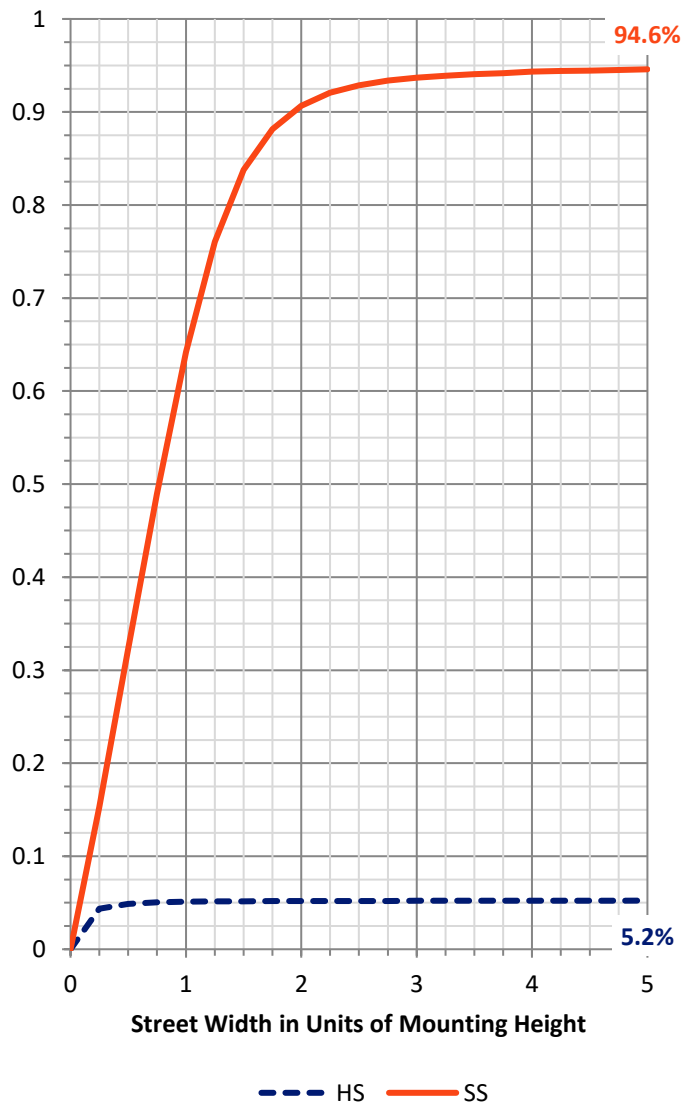
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	323.4	0.0	323.4
	% Fixture	5.3	0.0	5.3
Street Side	Lumens	5797.6	0.0	5797.6
	% Fixture	94.7	0.0	94.7
Total	Lumens	6121.0	0.0	6121.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.9	1.2
10°-20°	176.6	2.9
20°-30°	335.8	5.5
30°-40°	746.0	12.2
40°-50°	1202.8	19.7
50°-60°	1449.7	23.7
60°-70°	1313.9	21.5
70°-80°	783.0	12.8
80°-90°	42.2	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6121.0	100.0
0°-180°	6121.0	100.0

Coefficient of Utilization



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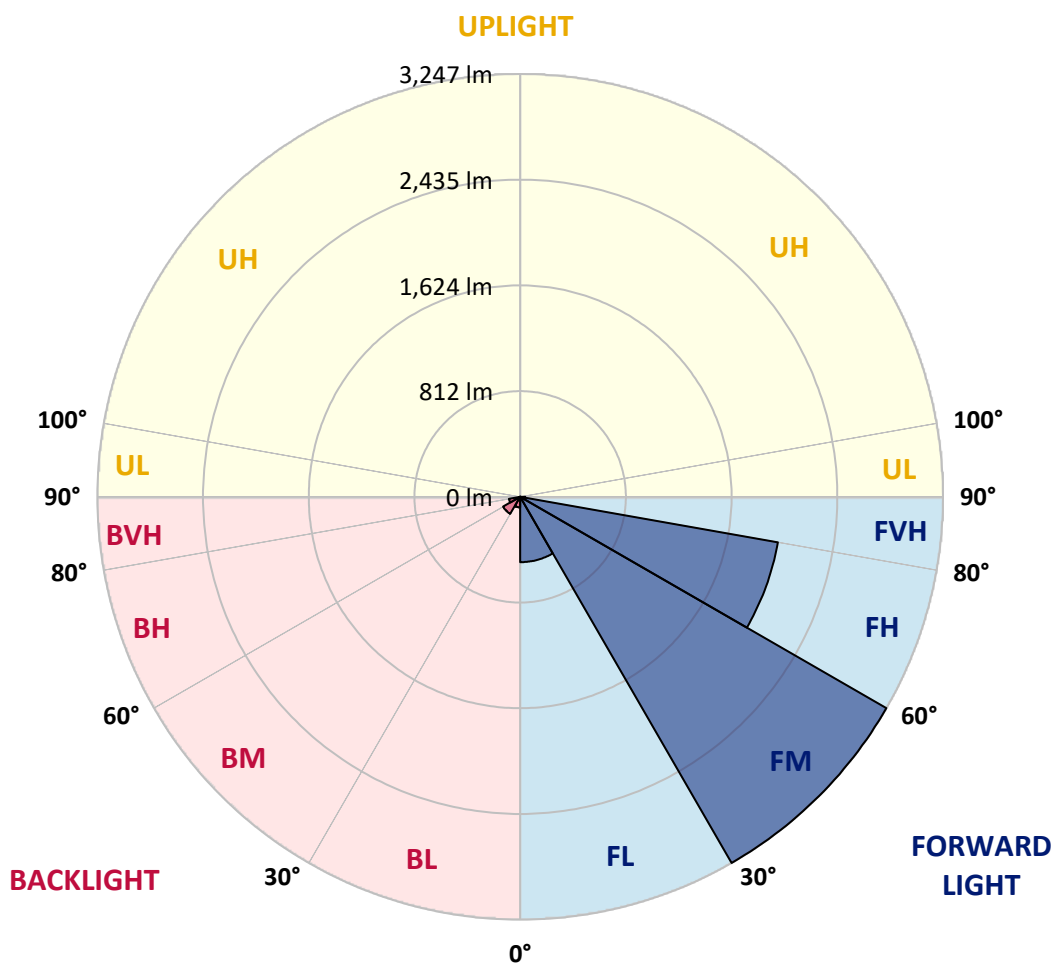
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	502.0	8.2			
FM (30°-60°)	3247.2	53.1			
FH (60°-80°)	2009.8	32.8			G2/5000
FVH (80°-90°)	38.6	0.6			G1/100
BL (0°-30°)	81.3	1.3	B0/110		
BM (30°-60°)	151.4	2.5	B0/220		
BH (60°-80°)	87.1	1.4	B0/110		G0/110
BVH (80°-90°)	3.6	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	996.7	1018.6	1040.5	1048.7	1059.7	1067.9	1076.1	1084.3	1092.5	1098.0	1106.2
5°	1133.6	1130.9	1128.1	1125.4	1125.4	1122.7	1119.9	1117.2	1114.5	1109.0	1106.2
7.5°	994.0	1065.2	1133.6	1136.4	1139.1	1139.1	1141.8	1158.3	1174.7	1188.4	1204.8
10°	1292.4	1292.4	1292.4	1292.4	1292.4	1289.7	1289.7	1292.4	1292.4	1295.2	1295.2
12.5°	1087.1	1103.5	1117.2	1166.5	1213.0	1262.3	1308.9	1319.8	1330.8	1339.0	1349.9
15°	1314.3	1319.8	1325.3	1328.0	1330.8	1330.8	1333.5	1292.4	1251.4	1210.3	1169.2
17.5°	1040.5	1046.0	1048.7	1084.3	1119.9	1155.5	1191.1	1210.3	1232.2	1251.4	1270.5
20°	1333.5	1336.3	1339.0	1341.7	1344.5	1344.5	1347.2	1259.6	1172.0	1084.3	996.7
22.5°	1114.5	1117.2	1117.2	1125.4	1130.9	1139.1	1144.6	1177.4	1210.3	1243.2	1276.0
25°	1530.7	1530.7	1527.9	1514.2	1503.3	1489.6	1475.9	1393.8	1311.6	1226.7	1144.6
27.5°	1423.9	1426.6	1426.6	1415.7	1404.7	1393.8	1382.8	1399.2	1418.4	1434.8	1451.3
30°	2053.7	2053.7	2053.7	2040.0	2023.5	2009.9	1993.4	1872.9	1752.5	1629.2	1508.8
32.5°	2760.1	2710.8	2658.8	2560.2	2461.7	2360.3	2261.8	2187.8	2113.9	2037.2	1963.3
35°	3075.0	3066.8	3058.6	3023.0	2987.4	2949.1	2913.5	2771.1	2628.7	2483.6	2341.2
37.5°	3340.6	3329.7	3316.0	3288.6	3261.2	3233.8	3206.5	3061.3	2913.5	2768.3	2620.5
40°	3554.2	3546.0	3537.8	3515.9	3494.0	3472.1	3450.2	3294.1	3138.0	2981.9	2825.8
42.5°	3707.5	3707.5	3704.8	3688.4	3669.2	3652.8	3633.6	3477.5	3321.5	3165.4	3009.3
45°	3822.6	3822.6	3822.6	3811.6	3797.9	3787.0	3773.3	3636.4	3502.2	3365.3	3228.4
47.5°	3839.0	3841.7	3844.5	3844.5	3844.5	3844.5	3844.5	3715.8	3589.8	3461.1	3332.4
50°	3688.4	3696.6	3704.8	3718.5	3734.9	3748.6	3762.3	3699.3	3633.6	3570.6	3504.9
52.5°	3285.9	3321.5	3354.3	3389.9	3425.5	3458.4	3494.0	3469.3	3444.7	3420.0	3395.4
55°	2500.0	2521.9	2541.1	2642.4	2743.7	2845.0	2946.3	2990.1	3031.2	3075.0	3116.1
57.5°	1941.4	1949.6	1955.1	2020.8	2086.5	2149.5	2215.2	2324.7	2434.3	2541.1	2650.6
60°	1560.8	1560.8	1560.8	1599.1	1634.7	1673.1	1708.6	1807.2	1905.8	2004.4	2103.0
62.5°	1161.0	1172.0	1182.9	1221.2	1256.8	1295.2	1330.8	1380.1	1429.4	1478.6	1527.9
65°	805.0	818.7	829.7	854.3	881.7	906.4	931.0	972.1	1015.9	1057.0	1098.0
67.5°	566.8	572.3	577.8	591.5	602.4	616.1	627.1	654.4	679.1	706.5	731.1
70°	402.5	405.3	405.3	416.2	427.2	438.1	449.1	460.0	471.0	479.2	490.1
72.5°	293.0	295.7	298.5	306.7	312.2	320.4	325.8	331.3	336.8	342.3	347.8
75°	150.6	156.1	158.8	180.7	202.6	224.5	246.4	249.2	251.9	251.9	254.7
77.5°	126.0	128.7	128.7	131.4	134.2	136.9	139.6	153.3	169.8	183.5	197.2
80°	90.4	90.4	87.6	93.1	98.6	104.1	109.5	115.0	120.5	123.2	128.7
82.5°	52.0	54.8	54.8	57.5	60.2	63.0	65.7	71.2	79.4	84.9	90.4
85°	5.5	8.2	11.0	16.4	21.9	27.4	32.9	41.1	46.5	54.8	60.2
87.5°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	1111.7	1117.2	1119.9	1125.4	1122.7	1117.2	1114.5	1109.0	1100.8	1092.5	1081.6
5°	1100.8	1095.3	1089.8	1084.3	1076.1	1070.6	1062.4	1054.2	1043.3	1035.0	1024.1
7.5°	1204.8	1202.1	1202.1	1199.3	1191.1	1185.6	1177.4	1169.2	1155.5	1141.8	1128.1
10°	1234.9	1174.7	1111.7	1051.5	1065.2	1078.9	1092.5	1106.2	1065.2	1024.1	980.3
12.5°	1322.6	1295.2	1267.8	1240.4	1196.6	1150.1	1106.2	1059.7	1037.8	1013.1	991.2
15°	1139.1	1111.7	1081.6	1051.5	1070.6	1089.8	1109.0	1128.1	1065.2	999.4	936.5
17.5°	1245.9	1218.5	1193.9	1166.5	1089.8	1013.1	933.7	857.1	922.8	985.8	1051.5
20°	1018.6	1040.5	1059.7	1081.6	1109.0	1136.4	1161.0	1188.4	1155.5	1122.7	1089.8
22.5°	1232.2	1191.1	1147.3	1103.5	1122.7	1141.8	1158.3	1177.4	1139.1	1100.8	1059.7
25°	1188.4	1234.9	1278.7	1322.6	1254.1	1188.4	1119.9	1051.5	1111.7	1172.0	1232.2
27.5°	1388.3	1325.3	1259.6	1196.6	1254.1	1311.6	1366.4	1423.9	1371.8	1317.1	1265.1
30°	1500.5	1492.3	1481.4	1473.2	1443.0	1415.7	1385.5	1355.4	1371.8	1388.3	1404.7
32.5°	1870.2	1779.8	1686.7	1593.6	1615.5	1637.5	1656.6	1678.5	1653.9	1629.2	1601.9
35°	2220.7	2100.2	1977.0	1856.5	1853.8	1848.3	1845.6	1840.1	1829.1	1818.2	1807.2
37.5°	2483.6	2346.7	2209.7	2072.8	2075.6	2075.6	2078.3	2078.3	2040.0	2001.6	1963.3
40°	2699.9	2573.9	2448.0	2322.0	2311.1	2300.1	2289.2	2278.2	2226.2	2171.4	2119.4
42.5°	2883.3	2760.1	2634.2	2508.2	2489.0	2472.6	2453.4	2434.3	2390.5	2343.9	2300.1
45°	3083.2	2938.1	2793.0	2647.9	2631.4	2615.0	2598.6	2582.1	2546.5	2510.9	2475.3
47.5°	3187.3	3042.2	2894.3	2749.2	2738.2	2724.5	2713.6	2699.9	2680.7	2658.8	2639.6
50°	3335.2	3168.1	2998.3	2828.6	2823.1	2817.6	2809.4	2803.9	2798.5	2795.7	2790.2
52.5°	3266.7	3135.3	3006.6	2875.1	2877.9	2877.9	2880.6	2880.6	2894.3	2908.0	2921.7
55°	3047.6	2981.9	2913.5	2845.0	2858.7	2875.1	2888.8	2902.5	2938.1	2971.0	3006.6
57.5°	2661.5	2672.5	2683.5	2694.4	2743.7	2790.2	2839.5	2886.1	2938.1	2987.4	3039.4
60°	2163.2	2223.4	2280.9	2341.2	2456.2	2571.2	2686.2	2801.2	2880.6	2957.3	3036.7
62.5°	1612.8	1697.7	1782.6	1867.5	2045.4	2226.2	2404.2	2582.1	2702.6	2820.4	2940.8
65°	1177.4	1256.8	1333.5	1412.9	1626.5	1840.1	2053.7	2267.2	2439.8	2609.5	2782.0
67.5°	788.6	846.1	900.9	958.4	1174.7	1391.0	1607.3	1823.7	2061.9	2300.1	2535.6
70°	520.3	547.6	577.8	605.1	791.3	974.8	1161.0	1344.5	1626.5	1905.8	2187.8
72.5°	356.0	364.2	372.4	380.6	506.6	632.5	758.5	884.4	1169.2	1454.0	1736.0
75°	254.7	251.9	251.9	249.2	323.1	397.0	468.2	542.2	764.0	983.0	1204.8
77.5°	194.4	188.9	186.2	180.7	216.3	251.9	287.5	323.1	427.2	534.0	638.0
80°	123.2	117.7	109.5	104.1	117.7	131.4	145.1	158.8	175.2	191.7	208.1
82.5°	90.4	90.4	90.4	90.4	90.4	93.1	93.1	93.1	87.6	82.1	73.9
85°	57.5	54.8	52.0	49.3	43.8	38.3	32.9	27.4	30.1	32.9	32.9
87.5°	11.0	8.2	8.2	5.5	5.5	5.5	5.5	5.5	8.2	8.2	11.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	1073.4	1062.4	1051.5	1040.5	1029.6	1018.6	1007.7	996.7	985.8	969.3	955.6
5°	1013.1	1043.3	1076.1	1106.2	1136.4	1119.9	1103.5	1087.1	1070.6	1043.3	1015.9
7.5°	1114.5	1078.9	1046.0	1013.1	977.5	985.8	994.0	1002.2	1010.4	985.8	952.9
10°	939.2	920.0	900.9	881.7	862.5	851.6	837.9	826.9	813.3	881.7	854.3
12.5°	966.6	958.4	950.2	939.2	931.0	876.2	824.2	769.4	714.7	692.8	701.0
15°	870.8	862.5	854.3	846.1	837.9	865.3	895.4	922.8	950.2	944.7	939.2
17.5°	1114.5	1078.9	1046.0	1010.4	974.8	958.4	939.2	922.8	903.6	873.5	865.3
20°	1057.0	1018.6	980.3	941.9	903.6	941.9	977.5	1015.9	1051.5	1114.5	1095.3
22.5°	1021.4	1084.3	1150.1	1213.0	1276.0	1215.8	1158.3	1098.0	1037.8	1057.0	963.9
25°	1292.4	1245.9	1202.1	1155.5	1109.0	1169.2	1229.5	1289.7	1349.9	1322.6	1278.7
27.5°	1210.3	1256.8	1300.7	1347.2	1391.0	1412.9	1437.6	1459.5	1481.4	1426.6	1437.6
30°	1421.1	1478.6	1533.4	1590.9	1645.7	1747.0	1845.6	1946.9	2045.4	2023.5	1935.9
32.5°	1577.2	1673.1	1768.9	1862.0	1957.8	2015.3	2075.6	2133.1	2190.6	2196.1	2086.5
35°	1796.3	1862.0	1927.7	1993.4	2059.1	2146.8	2231.6	2319.3	2404.2	2354.9	2231.6
37.5°	1925.0	1993.4	2064.6	2133.1	2201.5	2308.3	2415.1	2519.2	2626.0	2519.2	2385.0
40°	2064.6	2138.5	2215.2	2289.2	2363.1	2472.6	2579.4	2688.9	2795.7	2790.2	2606.8
42.5°	2253.6	2327.5	2404.2	2478.1	2552.0	2667.0	2782.0	2894.3	3009.3	3006.6	2798.5
45°	2439.8	2508.2	2573.9	2642.4	2708.1	2839.5	2971.0	3102.4	3233.8	3247.5	3012.0
47.5°	2617.7	2678.0	2738.2	2798.5	2858.7	3039.4	3217.4	3398.1	3576.1	3491.2	3236.6
50°	2784.8	2845.0	2905.2	2965.5	3025.7	3236.6	3450.2	3661.0	3871.8	3759.6	3485.8
52.5°	2935.4	3009.3	3086.0	3159.9	3233.8	3463.8	3693.9	3923.9	4153.9	4038.9	3756.8
55°	3039.4	3143.5	3244.8	3348.8	3450.2	3704.8	3962.2	4216.9	4471.5	4340.1	4014.2
57.5°	3088.7	3211.9	3337.9	3461.1	3584.3	3847.2	4112.8	4375.7	4638.5	4507.1	4173.0
60°	3113.4	3255.7	3398.1	3537.8	3680.2	3964.9	4252.5	4537.2	4822.0	4709.7	4370.2
62.5°	3058.6	3239.3	3422.8	3603.5	3784.2	4088.2	4392.1	4693.3	4997.2	4923.3	4600.2
65°	2951.8	3190.0	3431.0	3669.2	3907.4	4268.9	4630.3	4989.0	5350.5	5271.1	4948.0
67.5°	2773.8	3086.0	3398.1	3710.3	4022.4	4471.5	4917.8	5366.9	5813.2	5733.8	5364.2
70°	2467.1	2858.7	3250.3	3639.1	4030.7	4556.4	5084.9	5610.6	6136.3	6032.3	5594.2
72.5°	2020.8	2461.7	2902.5	3340.6	3781.5	4342.8	4906.9	5468.2	6029.6	5832.4	5334.0
75°	1423.9	1826.4	2228.9	2628.7	3031.2	3524.1	4017.0	4507.1	5000.0	4748.1	4260.7
77.5°	742.1	991.2	1237.7	1486.9	1733.3	2119.4	2502.7	2888.8	3272.2	2820.4	2453.4
80°	224.5	328.6	429.9	534.0	635.3	725.6	816.0	903.6	994.0	739.3	613.4
82.5°	68.5	90.4	109.5	131.4	150.6	150.6	150.6	147.9	147.9	117.7	98.6
85°	35.6	38.3	38.3	41.1	41.1	41.1	38.3	38.3	35.6	35.6	30.1
87.5°	11.0	11.0	13.7	13.7	13.7	13.7	13.7	11.0	11.0	11.0	11.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328

CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	944.7	931.0	917.3	900.9	884.4	868.0	851.6	835.2	818.7	802.3	788.6
5°	991.2	963.9	936.5	906.4	873.5	840.6	810.5	780.4	747.5	717.4	690.0
7.5°	920.0	887.2	846.1	805.0	764.0	722.9	679.1	638.0	594.2	550.4	514.8
10°	824.2	796.8	753.0	706.5	657.2	605.1	547.6	490.1	432.6	375.1	350.5
12.5°	706.5	714.7	668.1	621.6	569.5	517.5	462.8	408.0	350.5	295.7	279.3
15°	933.7	928.3	868.0	807.8	728.4	649.0	569.5	487.4	408.0	325.8	284.8
17.5°	854.3	846.1	780.4	714.7	643.5	572.3	498.4	421.7	347.8	271.1	232.7
20°	1078.9	1059.7	977.5	892.7	788.6	681.8	577.8	473.7	369.7	265.6	221.8
22.5°	870.8	777.7	711.9	646.2	564.1	479.2	410.7	339.5	271.1	199.9	172.5
25°	1232.2	1188.4	1076.1	961.1	816.0	670.9	553.1	435.4	317.6	199.9	167.0
27.5°	1448.5	1459.5	1306.1	1152.8	969.3	785.9	632.5	479.2	325.8	172.5	147.9
30°	1848.3	1760.7	1580.0	1396.5	1139.1	879.0	698.2	517.5	336.8	156.1	134.2
32.5°	1979.7	1870.2	1664.8	1456.7	1155.5	851.6	670.9	490.1	306.7	126.0	112.3
35°	2111.2	1987.9	1752.5	1517.0	1172.0	824.2	643.5	465.5	284.8	104.1	95.8
37.5°	2250.8	2116.6	1853.8	1588.2	1188.4	788.6	616.1	440.9	268.3	93.1	84.9
40°	2426.1	2242.6	1952.3	1659.4	1204.8	750.3	583.2	418.9	251.9	84.9	76.7
42.5°	2593.1	2385.0	2061.9	1736.0	1224.0	711.9	553.1	397.0	238.2	79.4	71.2
45°	2779.3	2543.8	2193.3	1840.1	1251.4	662.6	514.8	366.9	219.1	71.2	63.0
47.5°	2981.9	2727.3	2335.7	1944.1	1278.7	613.4	476.5	342.3	205.4	68.5	60.2
50°	3211.9	2938.1	2508.2	2075.6	1333.5	588.7	457.3	325.8	194.4	63.0	54.8
52.5°	3477.5	3195.5	2713.6	2228.9	1399.2	566.8	440.9	312.2	186.2	57.5	49.3
55°	3691.1	3365.3	2831.3	2294.6	1412.9	528.5	410.7	290.3	172.5	52.0	46.5
57.5°	3841.7	3507.7	2943.6	2379.5	1437.6	492.9	380.6	271.1	158.8	46.5	41.1
60°	4027.9	3688.4	3083.2	2475.3	1467.7	460.0	356.0	251.9	145.1	41.1	35.6
62.5°	4277.1	3954.0	3283.1	2609.5	1517.0	421.7	325.8	230.0	131.4	35.6	32.9
65°	4622.1	4299.0	3518.6	2738.2	1563.5	386.1	298.5	210.8	120.5	32.9	30.1
67.5°	4991.8	4622.1	3704.8	2784.8	1563.5	342.3	265.6	186.2	109.5	30.1	27.4
70°	5156.1	4718.0	3674.7	2628.7	1451.3	273.8	213.6	150.6	90.4	27.4	24.6
72.5°	4838.4	4340.1	3266.7	2193.3	1182.9	172.5	134.2	98.6	60.2	21.9	19.2
75°	3770.5	3283.1	2437.0	1588.2	837.9	84.9	68.5	52.0	32.9	16.4	13.7
77.5°	2089.3	1722.3	1251.4	780.4	416.2	49.3	41.1	32.9	21.9	13.7	13.7
80°	490.1	364.2	265.6	164.3	98.6	30.1	24.6	21.9	16.4	11.0	11.0
82.5°	79.4	60.2	43.8	27.4	21.9	16.4	13.7	13.7	11.0	8.2	8.2
85°	24.6	19.2	16.4	11.0	11.0	8.2	8.2	8.2	5.5	5.5	5.5
87.5°	8.2	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328

CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	772.2	758.5	742.1	731.1	720.2	706.5	695.5	684.6	673.6	662.6	651.7
5°	662.6	632.5	605.1	569.5	531.2	495.6	457.3	440.9	427.2	410.7	394.3
7.5°	479.2	443.6	408.0	394.3	380.6	364.2	350.5	336.8	323.1	309.4	295.7
10°	328.6	303.9	279.3	268.3	257.4	243.7	232.7	221.8	210.8	197.2	186.2
12.5°	262.9	243.7	227.3	208.1	188.9	169.8	150.6	145.1	139.6	131.4	126.0
15°	241.0	199.9	156.1	142.4	131.4	117.7	104.1	101.3	101.3	98.6	95.8
17.5°	194.4	156.1	117.7	112.3	104.1	98.6	90.4	84.9	79.4	73.9	68.5
20°	178.0	134.2	90.4	87.6	84.9	79.4	76.7	73.9	73.9	71.2	68.5
22.5°	147.9	120.5	93.1	84.9	76.7	68.5	60.2	60.2	63.0	63.0	63.0
25°	134.2	101.3	68.5	68.5	65.7	65.7	63.0	60.2	54.8	52.0	46.5
27.5°	123.2	98.6	73.9	68.5	63.0	57.5	52.0	52.0	49.3	49.3	46.5
30°	115.0	93.1	71.2	65.7	63.0	57.5	52.0	49.3	46.5	41.1	38.3
32.5°	101.3	87.6	73.9	68.5	60.2	54.8	46.5	43.8	41.1	35.6	32.9
35°	87.6	76.7	68.5	63.0	54.8	49.3	41.1	38.3	35.6	32.9	30.1
37.5°	76.7	68.5	60.2	54.8	49.3	41.1	35.6	32.9	30.1	27.4	24.6
40°	68.5	60.2	52.0	46.5	41.1	35.6	30.1	27.4	27.4	24.6	21.9
42.5°	63.0	54.8	46.5	41.1	38.3	32.9	27.4	24.6	21.9	19.2	16.4
45°	57.5	49.3	41.1	38.3	32.9	30.1	24.6	21.9	19.2	16.4	13.7
47.5°	52.0	43.8	35.6	32.9	30.1	24.6	21.9	19.2	16.4	13.7	11.0
50°	49.3	41.1	32.9	30.1	27.4	21.9	19.2	16.4	16.4	13.7	11.0
52.5°	43.8	35.6	27.4	24.6	21.9	19.2	16.4	13.7	13.7	11.0	8.2
55°	38.3	32.9	24.6	21.9	19.2	16.4	13.7	11.0	11.0	8.2	5.5
57.5°	35.6	27.4	21.9	19.2	16.4	13.7	11.0	11.0	8.2	8.2	5.5
60°	30.1	24.6	19.2	16.4	13.7	11.0	8.2	8.2	5.5	5.5	2.7
62.5°	27.4	24.6	19.2	16.4	13.7	11.0	8.2	8.2	5.5	5.5	2.7
65°	24.6	21.9	16.4	13.7	13.7	11.0	8.2	8.2	5.5	5.5	2.7
67.5°	24.6	19.2	16.4	13.7	11.0	8.2	5.5	5.5	5.5	2.7	2.7
70°	19.2	16.4	11.0	11.0	8.2	8.2	5.5	5.5	5.5	2.7	2.7
72.5°	16.4	13.7	11.0	11.0	8.2	8.2	5.5	5.5	5.5	2.7	2.7
75°	13.7	11.0	8.2	8.2	8.2	5.5	5.5	5.5	5.5	2.7	2.7
77.5°	11.0	11.0	8.2	8.2	8.2	5.5	5.5	5.5	5.5	2.7	2.7
80°	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7
82.5°	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7
85°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7
87.5°	5.5	5.5	5.5	5.5	8.2	8.2	8.2	8.2	5.5	5.5	2.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328
 CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	640.7	627.1	616.1	602.4	583.2	561.3	542.2	520.3	517.5	514.8	509.3
5°	386.1	377.9	369.7	361.4	356.0	350.5	345.0	339.5	334.1	331.3	325.8
7.5°	284.8	273.8	262.9	251.9	243.7	238.2	230.0	221.8	216.3	208.1	202.6
10°	175.2	161.6	150.6	136.9	142.4	147.9	150.6	156.1	156.1	153.3	153.3
12.5°	126.0	126.0	126.0	126.0	126.0	126.0	123.2	123.2	123.2	120.5	120.5
15°	93.1	90.4	87.6	84.9	84.9	84.9	82.1	82.1	87.6	90.4	95.8
17.5°	71.2	73.9	73.9	76.7	79.4	82.1	82.1	84.9	84.9	87.6	87.6
20°	68.5	68.5	65.7	65.7	63.0	63.0	60.2	57.5	60.2	65.7	68.5
22.5°	60.2	54.8	52.0	46.5	49.3	54.8	57.5	60.2	60.2	60.2	60.2
25°	49.3	49.3	52.0	52.0	49.3	46.5	43.8	41.1	43.8	46.5	46.5
27.5°	43.8	41.1	38.3	35.6	38.3	38.3	41.1	41.1	41.1	41.1	38.3
30°	38.3	38.3	35.6	35.6	35.6	32.9	32.9	30.1	32.9	32.9	35.6
32.5°	32.9	30.1	30.1	27.4	27.4	30.1	30.1	30.1	30.1	30.1	30.1
35°	30.1	27.4	27.4	24.6	24.6	24.6	24.6	24.6	27.4	27.4	30.1
37.5°	24.6	21.9	21.9	19.2	19.2	21.9	21.9	21.9	21.9	24.6	24.6
40°	21.9	19.2	19.2	16.4	16.4	19.2	19.2	19.2	19.2	21.9	21.9
42.5°	16.4	16.4	13.7	13.7	13.7	16.4	16.4	16.4	16.4	19.2	19.2
45°	13.7	13.7	11.0	11.0	11.0	13.7	13.7	13.7	13.7	13.7	13.7
47.5°	11.0	11.0	8.2	8.2	8.2	11.0	11.0	11.0	11.0	11.0	11.0
50°	11.0	8.2	8.2	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2
52.5°	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
55°	5.5	5.5	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7
57.5°	5.5	5.5	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7
60°	2.7	2.7	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7
62.5°	2.7	2.7	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5
65°	2.7	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	8.2	5.5
67.5°	2.7	2.7	2.7	2.7	5.5	5.5	8.2	8.2	8.2	5.5	5.5
70°	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5
72.5°	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5
75°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
77.5°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
80°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
82.5°	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5
85°	5.5	8.2	8.2	11.0	11.0	11.0	8.2	8.2	8.2	8.2	5.5
87.5°	5.5	8.2	8.2	11.0	11.0	11.0	8.2	8.2	8.2	8.2	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328
 CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	506.6	501.1	495.6	487.4	481.9	487.4	492.9	487.4	481.9	487.4	495.6
5°	320.4	317.6	317.6	314.9	312.2	312.2	309.4	312.2	312.2	314.9	317.6
7.5°	194.4	191.7	188.9	183.5	180.7	186.2	188.9	186.2	180.7	183.5	188.9
10°	150.6	150.6	147.9	147.9	145.1	145.1	145.1	145.1	145.1	147.9	147.9
12.5°	117.7	115.0	112.3	109.5	106.8	112.3	115.0	112.3	106.8	109.5	112.3
15°	98.6	98.6	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3
17.5°	87.6	84.9	84.9	82.1	79.4	79.4	76.7	79.4	79.4	82.1	84.9
20°	71.2	71.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
22.5°	60.2	57.5	57.5	54.8	52.0	52.0	49.3	52.0	52.0	54.8	57.5
25°	49.3	49.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
27.5°	38.3	38.3	38.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	38.3
30°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
32.5°	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
35°	30.1	30.1	30.1	27.4	27.4	27.4	27.4	27.4	27.4	27.4	30.1
37.5°	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
40°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
42.5°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
45°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
47.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
50°	8.2	8.2	8.2	5.5	5.5	5.5	5.5	5.5	5.5	5.5	8.2
52.5°	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	5.5
55°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
60°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
62.5°	5.5	5.5	5.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	5.5
65°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
67.5°	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
70°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
72.5°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
75°	5.5	5.5	2.7	2.7	0.0	0.0	0.0	0.0	0.0	2.7	2.7
77.5°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
80°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
82.5°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
85°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
87.5°	5.5	5.5	5.5	2.7	2.7	2.7	0.0	2.7	2.7	2.7	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328
 CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	501.1	506.6	509.3	514.8	517.5	520.3	542.2	561.3	583.2	602.4	616.1
5°	317.6	320.4	325.8	331.3	334.1	339.5	345.0	350.5	356.0	361.4	369.7
7.5°	191.7	194.4	202.6	208.1	216.3	221.8	230.0	238.2	243.7	251.9	262.9
10°	150.6	150.6	153.3	153.3	156.1	156.1	150.6	147.9	142.4	136.9	150.6
12.5°	115.0	117.7	120.5	120.5	123.2	123.2	123.2	126.0	126.0	126.0	126.0
15°	98.6	98.6	95.8	90.4	87.6	82.1	82.1	84.9	84.9	84.9	87.6
17.5°	84.9	87.6	87.6	87.6	84.9	84.9	82.1	82.1	79.4	76.7	73.9
20°	71.2	71.2	68.5	65.7	60.2	57.5	60.2	63.0	63.0	65.7	65.7
22.5°	57.5	60.2	60.2	60.2	60.2	60.2	57.5	54.8	49.3	46.5	52.0
25°	49.3	49.3	46.5	46.5	43.8	41.1	43.8	46.5	49.3	52.0	52.0
27.5°	38.3	38.3	38.3	41.1	41.1	41.1	41.1	38.3	38.3	35.6	38.3
30°	35.6	35.6	35.6	32.9	32.9	30.1	32.9	32.9	35.6	35.6	35.6
32.5°	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	27.4	27.4	30.1
35°	30.1	30.1	30.1	27.4	27.4	24.6	24.6	24.6	24.6	24.6	27.4
37.5°	24.6	24.6	24.6	24.6	21.9	21.9	21.9	21.9	19.2	19.2	21.9
40°	21.9	21.9	21.9	21.9	19.2	19.2	19.2	19.2	16.4	16.4	19.2
42.5°	19.2	19.2	19.2	19.2	16.4	16.4	16.4	16.4	13.7	13.7	13.7
45°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	11.0	11.0	11.0
47.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.2	8.2	8.2
50°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	5.5	5.5	8.2
52.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
55°	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
57.5°	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
60°	2.7	2.7	2.7	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
62.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	2.7	2.7	2.7
65°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	5.5	5.5	2.7	2.7
67.5°	2.7	2.7	5.5	5.5	8.2	8.2	8.2	5.5	5.5	2.7	2.7
70°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5	5.5	5.5
72.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	5.5	5.5	5.5
75°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
77.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
80°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
82.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
85°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	11.0	11.0	11.0	8.2
87.5°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	11.0	11.0	11.0	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328

CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	627.1	640.7	651.7	662.6	673.6	684.6	695.5	706.5	720.2	731.1	742.1
5°	377.9	386.1	394.3	410.7	427.2	440.9	457.3	495.6	531.2	569.5	605.1
7.5°	273.8	284.8	295.7	309.4	323.1	336.8	350.5	364.2	380.6	394.3	408.0
10°	161.6	175.2	186.2	197.2	210.8	221.8	232.7	243.7	257.4	268.3	279.3
12.5°	126.0	126.0	126.0	131.4	139.6	145.1	150.6	169.8	188.9	208.1	227.3
15°	90.4	93.1	95.8	98.6	101.3	101.3	104.1	117.7	131.4	142.4	156.1
17.5°	73.9	71.2	68.5	73.9	79.4	84.9	90.4	98.6	104.1	112.3	117.7
20°	68.5	68.5	68.5	71.2	73.9	73.9	76.7	79.4	84.9	87.6	90.4
22.5°	54.8	60.2	63.0	63.0	63.0	60.2	60.2	68.5	76.7	84.9	93.1
25°	49.3	49.3	46.5	52.0	54.8	60.2	63.0	65.7	65.7	68.5	68.5
27.5°	41.1	43.8	46.5	49.3	49.3	52.0	52.0	57.5	63.0	68.5	73.9
30°	38.3	38.3	38.3	41.1	46.5	49.3	52.0	57.5	63.0	65.7	71.2
32.5°	30.1	32.9	32.9	35.6	41.1	43.8	46.5	54.8	60.2	68.5	73.9
35°	27.4	30.1	30.1	32.9	35.6	38.3	41.1	49.3	54.8	63.0	68.5
37.5°	21.9	24.6	24.6	27.4	30.1	32.9	35.6	41.1	49.3	54.8	60.2
40°	19.2	21.9	21.9	24.6	27.4	27.4	30.1	35.6	41.1	46.5	52.0
42.5°	16.4	16.4	16.4	19.2	21.9	24.6	27.4	32.9	38.3	41.1	46.5
45°	13.7	13.7	13.7	16.4	19.2	21.9	24.6	30.1	32.9	38.3	41.1
47.5°	11.0	11.0	11.0	13.7	16.4	19.2	21.9	24.6	30.1	32.9	35.6
50°	8.2	11.0	11.0	13.7	16.4	16.4	19.2	21.9	27.4	30.1	32.9
52.5°	8.2	8.2	8.2	11.0	13.7	13.7	16.4	19.2	21.9	24.6	27.4
55°	5.5	5.5	5.5	8.2	11.0	11.0	13.7	16.4	19.2	21.9	24.6
57.5°	5.5	5.5	5.5	8.2	8.2	11.0	11.0	13.7	16.4	19.2	21.9
60°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	11.0	13.7	16.4	19.2
62.5°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	11.0	13.7	16.4	19.2
65°	2.7	2.7	2.7	5.5	5.5	8.2	8.2	11.0	13.7	13.7	16.4
67.5°	2.7	2.7	2.7	2.7	5.5	5.5	5.5	8.2	11.0	13.7	16.4
70°	5.5	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0
72.5°	5.5	2.7	2.7	2.7	5.5	5.5	5.5	8.2	8.2	11.0	11.0
75°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2
77.5°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	8.2	8.2	8.2
80°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
82.5°	5.5	5.5	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	8.2	5.5	2.7	2.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5
87.5°	8.2	5.5	2.7	5.5	5.5	8.2	8.2	8.2	8.2	5.5	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328

CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	758.5	772.2	788.6	802.3	818.7	835.2	851.6	868.0	884.4	900.9	917.3
5°	632.5	662.6	690.0	717.4	747.5	780.4	810.5	840.6	873.5	906.4	936.5
7.5°	443.6	479.2	514.8	550.4	594.2	638.0	679.1	722.9	764.0	805.0	846.1
10°	303.9	328.6	350.5	375.1	432.6	490.1	547.6	605.1	657.2	706.5	753.0
12.5°	243.7	262.9	279.3	295.7	350.5	408.0	462.8	517.5	569.5	621.6	668.1
15°	199.9	241.0	284.8	325.8	408.0	487.4	569.5	649.0	728.4	807.8	868.0
17.5°	156.1	194.4	232.7	271.1	347.8	421.7	498.4	572.3	643.5	714.7	780.4
20°	134.2	178.0	221.8	265.6	369.7	473.7	577.8	681.8	788.6	892.7	977.5
22.5°	120.5	147.9	172.5	199.9	271.1	339.5	410.7	479.2	564.1	646.2	711.9
25°	101.3	134.2	167.0	199.9	317.6	435.4	553.1	670.9	816.0	961.1	1076.1
27.5°	98.6	123.2	147.9	172.5	325.8	479.2	632.5	785.9	969.3	1152.8	1306.1
30°	93.1	115.0	134.2	156.1	336.8	517.5	698.2	879.0	1139.1	1396.5	1580.0
32.5°	87.6	101.3	112.3	126.0	306.7	490.1	670.9	851.6	1155.5	1456.7	1664.8
35°	76.7	87.6	95.8	104.1	284.8	465.5	643.5	824.2	1172.0	1517.0	1752.5
37.5°	68.5	76.7	84.9	93.1	268.3	440.9	616.1	788.6	1188.4	1588.2	1853.8
40°	60.2	68.5	76.7	84.9	251.9	418.9	583.2	750.3	1204.8	1659.4	1952.3
42.5°	54.8	63.0	71.2	79.4	238.2	397.0	553.1	711.9	1224.0	1736.0	2061.9
45°	49.3	57.5	63.0	71.2	219.1	366.9	514.8	662.6	1251.4	1840.1	2193.3
47.5°	43.8	52.0	60.2	68.5	205.4	342.3	476.5	613.4	1278.7	1944.1	2335.7
50°	41.1	49.3	54.8	63.0	194.4	325.8	457.3	588.7	1333.5	2075.6	2508.2
52.5°	35.6	43.8	49.3	57.5	186.2	312.2	440.9	566.8	1399.2	2228.9	2713.6
55°	32.9	38.3	46.5	52.0	172.5	290.3	410.7	528.5	1412.9	2294.6	2831.3
57.5°	27.4	35.6	41.1	46.5	158.8	271.1	380.6	492.9	1437.6	2379.5	2943.6
60°	24.6	30.1	35.6	41.1	145.1	251.9	356.0	460.0	1467.7	2475.3	3083.2
62.5°	24.6	27.4	32.9	35.6	131.4	230.0	325.8	421.7	1517.0	2609.5	3283.1
65°	21.9	24.6	30.1	32.9	120.5	210.8	298.5	386.1	1563.5	2738.2	3518.6
67.5°	19.2	24.6	27.4	30.1	109.5	186.2	265.6	342.3	1563.5	2784.8	3704.8
70°	16.4	19.2	24.6	27.4	90.4	150.6	213.6	273.8	1451.3	2628.7	3674.7
72.5°	13.7	16.4	19.2	21.9	60.2	98.6	134.2	172.5	1182.9	2193.3	3266.7
75°	11.0	13.7	13.7	16.4	32.9	52.0	68.5	84.9	837.9	1588.2	2437.0
77.5°	11.0	11.0	13.7	13.7	21.9	32.9	41.1	49.3	416.2	780.4	1251.4
80°	8.2	8.2	11.0	11.0	16.4	21.9	24.6	30.1	98.6	164.3	265.6
82.5°	5.5	8.2	8.2	8.2	11.0	13.7	13.7	16.4	21.9	27.4	43.8
85°	5.5	5.5	5.5	5.5	5.5	8.2	8.2	8.2	11.0	11.0	16.4
87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328

CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	931.0	944.7	955.6	969.3	985.8	996.7	1007.7	1018.6	1029.6	1040.5	1051.5
5°	963.9	991.2	1015.9	1043.3	1070.6	1087.1	1103.5	1119.9	1136.4	1106.2	1076.1
7.5°	887.2	920.0	952.9	985.8	1010.4	1002.2	994.0	985.8	977.5	1013.1	1046.0
10°	796.8	824.2	854.3	881.7	813.3	826.9	837.9	851.6	862.5	881.7	900.9
12.5°	714.7	706.5	701.0	692.8	714.7	769.4	824.2	876.2	931.0	939.2	950.2
15°	928.3	933.7	939.2	944.7	950.2	922.8	895.4	865.3	837.9	846.1	854.3
17.5°	846.1	854.3	865.3	873.5	903.6	922.8	939.2	958.4	974.8	1010.4	1046.0
20°	1059.7	1078.9	1095.3	1114.5	1051.5	1015.9	977.5	941.9	903.6	941.9	980.3
22.5°	777.7	870.8	963.9	1057.0	1037.8	1098.0	1158.3	1215.8	1276.0	1213.0	1150.1
25°	1188.4	1232.2	1278.7	1322.6	1349.9	1289.7	1229.5	1169.2	1109.0	1155.5	1202.1
27.5°	1459.5	1448.5	1437.6	1426.6	1481.4	1459.5	1437.6	1412.9	1391.0	1347.2	1300.7
30°	1760.7	1848.3	1935.9	2023.5	2045.4	1946.9	1845.6	1747.0	1645.7	1590.9	1533.4
32.5°	1870.2	1979.7	2086.5	2196.1	2190.6	2133.1	2075.6	2015.3	1957.8	1862.0	1768.9
35°	1987.9	2111.2	2231.6	2354.9	2404.2	2319.3	2231.6	2146.8	2059.1	1993.4	1927.7
37.5°	2116.6	2250.8	2385.0	2519.2	2626.0	2519.2	2415.1	2308.3	2201.5	2133.1	2064.6
40°	2242.6	2426.1	2606.8	2790.2	2795.7	2688.9	2579.4	2472.6	2363.1	2289.2	2215.2
42.5°	2385.0	2593.1	2798.5	3006.6	3009.3	2894.3	2782.0	2667.0	2552.0	2478.1	2404.2
45°	2543.8	2779.3	3012.0	3247.5	3233.8	3102.4	2971.0	2839.5	2708.1	2642.4	2573.9
47.5°	2727.3	2981.9	3236.6	3491.2	3576.1	3398.1	3217.4	3039.4	2858.7	2798.5	2738.2
50°	2938.1	3211.9	3485.8	3759.6	3871.8	3661.0	3450.2	3236.6	3025.7	2965.5	2905.2
52.5°	3195.5	3477.5	3756.8	4038.9	4153.9	3923.9	3693.9	3463.8	3233.8	3159.9	3086.0
55°	3365.3	3691.1	4014.2	4340.1	4471.5	4216.9	3962.2	3704.8	3450.2	3348.8	3244.8
57.5°	3507.7	3841.7	4173.0	4507.1	4638.5	4375.7	4112.8	3847.2	3584.3	3461.1	3337.9
60°	3688.4	4027.9	4370.2	4709.7	4822.0	4537.2	4252.5	3964.9	3680.2	3537.8	3398.1
62.5°	3954.0	4277.1	4600.2	4923.3	4997.2	4693.3	4392.1	4088.2	3784.2	3603.5	3422.8
65°	4299.0	4622.1	4948.0	5271.1	5350.5	4989.0	4630.3	4268.9	3907.4	3669.2	3431.0
67.5°	4622.1	4991.8	5364.2	5733.8	5813.2	5366.9	4917.8	4471.5	4022.4	3710.3	3398.1
70°	4718.0	5156.1	5594.2	6032.3	6136.3	5610.6	5084.9	4556.4	4030.7	3639.1	3250.3
72.5°	4340.1	4838.4	5334.0	5832.4	6029.6	5468.2	4906.9	4342.8	3781.5	3340.6	2902.5
75°	3283.1	3770.5	4260.7	4748.1	5000.0	4507.1	4017.0	3524.1	3031.2	2628.7	2228.9
77.5°	1722.3	2089.3	2453.4	2820.4	3272.2	2888.8	2502.7	2119.4	1733.3	1486.9	1237.7
80°	364.2	490.1	613.4	739.3	994.0	903.6	816.0	725.6	635.3	534.0	429.9
82.5°	60.2	79.4	98.6	117.7	147.9	147.9	150.6	150.6	150.6	131.4	109.5
85°	19.2	24.6	30.1	35.6	35.6	38.3	38.3	41.1	41.1	41.1	38.3
87.5°	8.2	8.2	11.0	11.0	11.0	11.0	13.7	13.7	13.7	13.7	13.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561328

CATALOG NUMBER: SDL-PA1-90-827-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	1062.4	1073.4	1081.6	1092.5	1100.8	1109.0	1114.5	1117.2	1122.7	1125.4	1119.9
5°	1043.3	1013.1	1024.1	1035.0	1043.3	1054.2	1062.4	1070.6	1076.1	1084.3	1089.8
7.5°	1081.6	1114.5	1128.1	1141.8	1155.5	1169.2	1177.4	1185.6	1191.1	1199.3	1202.1
10°	920.0	939.2	980.3	1024.1	1065.2	1106.2	1092.5	1078.9	1065.2	1051.5	1111.7
12.5°	958.4	966.6	991.2	1013.1	1037.8	1059.7	1106.2	1150.1	1196.6	1240.4	1267.8
15°	862.5	870.8	936.5	999.4	1065.2	1128.1	1109.0	1089.8	1070.6	1051.5	1081.6
17.5°	1078.9	1114.5	1051.5	985.8	922.8	857.1	933.7	1013.1	1089.8	1166.5	1193.9
20°	1018.6	1057.0	1089.8	1122.7	1155.5	1188.4	1161.0	1136.4	1109.0	1081.6	1059.7
22.5°	1084.3	1021.4	1059.7	1100.8	1139.1	1177.4	1158.3	1141.8	1122.7	1103.5	1147.3
25°	1245.9	1292.4	1232.2	1172.0	1111.7	1051.5	1119.9	1188.4	1254.1	1322.6	1278.7
27.5°	1256.8	1210.3	1265.1	1317.1	1371.8	1423.9	1366.4	1311.6	1254.1	1196.6	1259.6
30°	1478.6	1421.1	1404.7	1388.3	1371.8	1355.4	1385.5	1415.7	1443.0	1473.2	1481.4
32.5°	1673.1	1577.2	1601.9	1629.2	1653.9	1678.5	1656.6	1637.5	1615.5	1593.6	1686.7
35°	1862.0	1796.3	1807.2	1818.2	1829.1	1840.1	1845.6	1848.3	1853.8	1856.5	1977.0
37.5°	1993.4	1925.0	1963.3	2001.6	2040.0	2078.3	2078.3	2075.6	2075.6	2072.8	2209.7
40°	2138.5	2064.6	2119.4	2171.4	2226.2	2278.2	2289.2	2300.1	2311.1	2322.0	2448.0
42.5°	2327.5	2253.6	2300.1	2343.9	2390.5	2434.3	2453.4	2472.6	2489.0	2508.2	2634.2
45°	2508.2	2439.8	2475.3	2510.9	2546.5	2582.1	2598.6	2615.0	2631.4	2647.9	2793.0
47.5°	2678.0	2617.7	2639.6	2658.8	2680.7	2699.9	2713.6	2724.5	2738.2	2749.2	2894.3
50°	2845.0	2784.8	2790.2	2795.7	2798.5	2803.9	2809.4	2817.6	2823.1	2828.6	2998.3
52.5°	3009.3	2935.4	2921.7	2908.0	2894.3	2880.6	2880.6	2877.9	2877.9	2875.1	3006.6
55°	3143.5	3039.4	3006.6	2971.0	2938.1	2902.5	2888.8	2875.1	2858.7	2845.0	2913.5
57.5°	3211.9	3088.7	3039.4	2987.4	2938.1	2886.1	2839.5	2790.2	2743.7	2694.4	2683.5
60°	3255.7	3113.4	3036.7	2957.3	2880.6	2801.2	2686.2	2571.2	2456.2	2341.2	2280.9
62.5°	3239.3	3058.6	2940.8	2820.4	2702.6	2582.1	2404.2	2226.2	2045.4	1867.5	1782.6
65°	3190.0	2951.8	2782.0	2609.5	2439.8	2267.2	2053.7	1840.1	1626.5	1412.9	1333.5
67.5°	3086.0	2773.8	2535.6	2300.1	2061.9	1823.7	1607.3	1391.0	1174.7	958.4	900.9
70°	2858.7	2467.1	2187.8	1905.8	1626.5	1344.5	1161.0	974.8	791.3	605.1	577.8
72.5°	2461.7	2020.8	1736.0	1454.0	1169.2	884.4	758.5	632.5	506.6	380.6	372.4
75°	1826.4	1423.9	1204.8	983.0	764.0	542.2	468.2	397.0	323.1	249.2	251.9
77.5°	991.2	742.1	638.0	534.0	427.2	323.1	287.5	251.9	216.3	180.7	186.2
80°	328.6	224.5	208.1	191.7	175.2	158.8	145.1	131.4	117.7	104.1	109.5
82.5°	90.4	68.5	73.9	82.1	87.6	93.1	93.1	93.1	90.4	90.4	90.4
85°	38.3	35.6	32.9	32.9	30.1	27.4	32.9	38.3	43.8	49.3	52.0
87.5°	11.0	11.0	11.0	8.2	8.2	5.5	5.5	5.5	5.5	5.5	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1	898.1
2.5°	1117.2	1111.7	1106.2	1098.0	1092.5	1084.3	1076.1	1067.9	1059.7	1048.7	1040.5
5°	1095.3	1100.8	1106.2	1109.0	1114.5	1117.2	1119.9	1122.7	1125.4	1125.4	1128.1
7.5°	1202.1	1204.8	1204.8	1188.4	1174.7	1158.3	1141.8	1139.1	1139.1	1136.4	1133.6
10°	1174.7	1234.9	1295.2	1295.2	1292.4	1292.4	1289.7	1289.7	1292.4	1292.4	1292.4
12.5°	1295.2	1322.6	1349.9	1339.0	1330.8	1319.8	1308.9	1262.3	1213.0	1166.5	1117.2
15°	1111.7	1139.1	1169.2	1210.3	1251.4	1292.4	1333.5	1330.8	1330.8	1328.0	1325.3
17.5°	1218.5	1245.9	1270.5	1251.4	1232.2	1210.3	1191.1	1155.5	1119.9	1084.3	1048.7
20°	1040.5	1018.6	996.7	1084.3	1172.0	1259.6	1347.2	1344.5	1344.5	1341.7	1339.0
22.5°	1191.1	1232.2	1276.0	1243.2	1210.3	1177.4	1144.6	1139.1	1130.9	1125.4	1117.2
25°	1234.9	1188.4	1144.6	1226.7	1311.6	1393.8	1475.9	1489.6	1503.3	1514.2	1527.9
27.5°	1325.3	1388.3	1451.3	1434.8	1418.4	1399.2	1382.8	1393.8	1404.7	1415.7	1426.6
30°	1492.3	1500.5	1508.8	1629.2	1752.5	1872.9	1993.4	2009.9	2023.5	2040.0	2053.7
32.5°	1779.8	1870.2	1963.3	2037.2	2113.9	2187.8	2261.8	2360.3	2461.7	2560.2	2658.8
35°	2100.2	2220.7	2341.2	2483.6	2628.7	2771.1	2913.5	2949.1	2987.4	3023.0	3058.6
37.5°	2346.7	2483.6	2620.5	2768.3	2913.5	3061.3	3206.5	3233.8	3261.2	3288.6	3316.0
40°	2573.9	2699.9	2825.8	2981.9	3138.0	3294.1	3450.2	3472.1	3494.0	3515.9	3537.8
42.5°	2760.1	2883.3	3009.3	3165.4	3321.5	3477.5	3633.6	3652.8	3669.2	3688.4	3704.8
45°	2938.1	3083.2	3228.4	3365.3	3502.2	3636.4	3773.3	3787.0	3797.9	3811.6	3822.6
47.5°	3042.2	3187.3	3332.4	3461.1	3589.8	3715.8	3844.5	3844.5	3844.5	3844.5	3844.5
50°	3168.1	3335.2	3504.9	3570.6	3633.6	3699.3	3762.3	3748.6	3734.9	3718.5	3704.8
52.5°	3135.3	3266.7	3395.4	3420.0	3444.7	3469.3	3494.0	3458.4	3425.5	3389.9	3354.3
55°	2981.9	3047.6	3116.1	3075.0	3031.2	2990.1	2946.3	2845.0	2743.7	2642.4	2541.1
57.5°	2672.5	2661.5	2650.6	2541.1	2434.3	2324.7	2215.2	2149.5	2086.5	2020.8	1955.1
60°	2223.4	2163.2	2103.0	2004.4	1905.8	1807.2	1708.6	1673.1	1634.7	1599.1	1560.8
62.5°	1697.7	1612.8	1527.9	1478.6	1429.4	1380.1	1330.8	1295.2	1256.8	1221.2	1182.9
65°	1256.8	1177.4	1098.0	1057.0	1015.9	972.1	931.0	906.4	881.7	854.3	829.7
67.5°	846.1	788.6	731.1	706.5	679.1	654.4	627.1	616.1	602.4	591.5	577.8
70°	547.6	520.3	490.1	479.2	471.0	460.0	449.1	438.1	427.2	416.2	405.3
72.5°	364.2	356.0	347.8	342.3	336.8	331.3	325.8	320.4	312.2	306.7	298.5
75°	251.9	254.7	254.7	251.9	251.9	249.2	246.4	224.5	202.6	180.7	158.8
77.5°	188.9	194.4	197.2	183.5	169.8	153.3	139.6	136.9	134.2	131.4	128.7
80°	117.7	123.2	128.7	123.2	120.5	115.0	109.5	104.1	98.6	93.1	87.6
82.5°	90.4	90.4	90.4	84.9	79.4	71.2	65.7	63.0	60.2	57.5	54.8
85°	54.8	57.5	60.2	54.8	46.5	41.1	32.9	27.4	21.9	16.4	11.0
87.5°	8.2	11.0	11.0	11.0	8.2	8.2	5.5	5.5	5.5	2.7	2.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	898.1	898.1
2.5°	1018.6	996.7
5°	1130.9	1133.6
7.5°	1065.2	994.0
10°	1292.4	1292.4
12.5°	1103.5	1087.1
15°	1319.8	1314.3
17.5°	1046.0	1040.5
20°	1336.3	1333.5
22.5°	1117.2	1114.5
25°	1530.7	1530.7
27.5°	1426.6	1423.9
30°	2053.7	2053.7
32.5°	2710.8	2760.1
35°	3066.8	3075.0
37.5°	3329.7	3340.6
40°	3546.0	3554.2
42.5°	3707.5	3707.5
45°	3822.6	3822.6
47.5°	3841.7	3839.0
50°	3696.6	3688.4
52.5°	3321.5	3285.9
55°	2521.9	2500.0
57.5°	1949.6	1941.4
60°	1560.8	1560.8
62.5°	1172.0	1161.0
65°	818.7	805.0
67.5°	572.3	566.8
70°	405.3	402.5
72.5°	295.7	293.0
75°	156.1	150.6
77.5°	128.7	126.0
80°	90.4	90.4
82.5°	54.8	52.0
85°	8.2	5.5
87.5°	2.7	2.7
90°	0.0	0.0

(END OF REPORT)